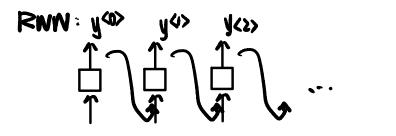
Transformer Network Intuition

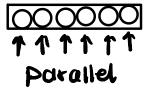
sequencial models, increased complexity

Has to compute token by token. each unit / token in these networks is a bottle neck to the flow of information.

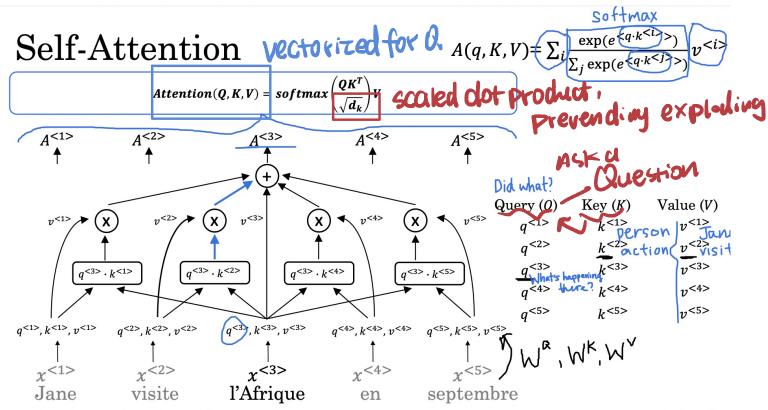
Base Idea: Attention + Court



CNN:



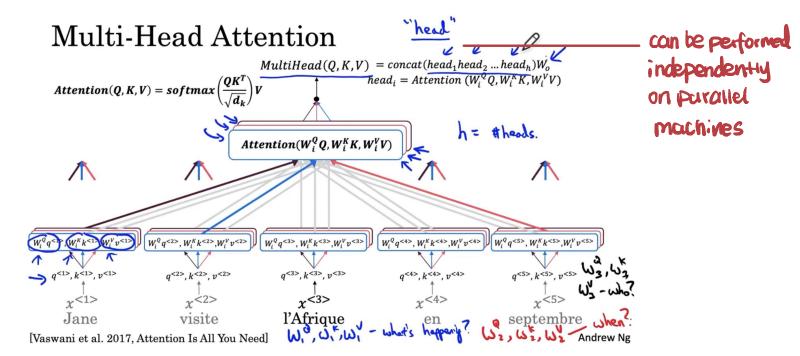
Self-Attention



[Vaswani et al. 2017, Attention Is All You Need]

scaled dot product attention. Andrew Ng

Multi-Head Attention



Transformer Network

